

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	baranski.in. and dithiocarbamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/10 13:09
S2	20	nalesnik.in. and dithiocarbamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/10 13:10
S3	18	S2 not S1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/10 13:09
S4	29	crompton.asn. and dithiocarbamate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/10 13:10
S5	17	S4 not S1 not S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/10 13:12
S6	3	(("4758362") or ("5498809") or ("6117826")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 13:14
S7	1	("4997969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/10 13:16
S8	6	dithiocarbamate and dihydrocarbylamine same carbon disulfide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/10 14:10
S9	4182	dithiocarbamate and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/10 14:10
S10	1194	dithiocarbamate and (lubricate or lubricant or lubricating) and carbonyl	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/10 14:10

## EAST Search History

S11	125	dithiocarbamate same carbonyl and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/10 14:11
S12	37	dithiocarbamate same carbonyl and (lubricate or lubricant or lubricating) and carbon disulfide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:04
S13	82	dithiocarbamate.ti. and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 10:49
S14	71	508/444.ccls. and dithiocarbamate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:04
S15	29	508/444.ccls. and dithiocarbamate and fuel	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:13
S16	510	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:13
S17	120	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae) and carbonyl and fuel	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:14
S18	69	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae) and carbonyl and fuel and alkylene near5 substituted	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:14
S19	15	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae) and carbonyl and fuel and alkylene near5 substituted and acrylamide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:58
S20	392	(lubricate or lubricating or lubricant) and dithiocarbamate and (aldehyde or dialdehyde or glyoxal or glutaraldehyde) and acrylamide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 13:37
S21	2	(lubricate or lubricating or lubricant) and dithiocarbamate and (aldehyde or dialdehyde or glyoxal or glutaraldehyde) and acrylamide and dihydrocarbylamine same carbon disulfide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:53
S22	2	(lubricate or lubricating or lubricant) and dithiocarbamate and (dialdehyde or glyoxal or glutaraldehyde) and acrylamide and dihydrocarbylamine same carbon disulfide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 11:53

## EAST Search History

S23	8	("3356702"   "4098705"   "4178258"   "5686397"   "5789357"   "5872286").PN. OR ("6117826").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/16 11:55
S24	121	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/16 13:37
S25	0	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae) and carbonyl and alkylene near5 substituted and acrylamide	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/16 11:59
S26	1	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae) and carbonyl	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/16 11:59
S27	29	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae) and fuel	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/16 12:15
S28	59	(lubricate or lubricating or lubricant) and dithiocarbamate and (dialdehyde or glyoxal or glutaraldehyde) and acrylamide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 13:21
S29	6	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae) and (dialdehyde or glyoxal or glutaraldehyde) and acrylamide	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/16 13:26
S30	0	(lubricate or lubricating or lubricant) and dithiocarbamate and (dialdehyde or glyoxal or glutaraldehyde) and acrylamide	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/16 13:27
S31	0	dithiocarbamate and (dialdehyde or glyoxal or glutaraldehyde) and acrylamide	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/16 13:27
S32	0	(lubricate or lubricating or lubricant) and dithiocarbamate and (aldehyde or dialdehyde or glyoxal or glutaraldehyde) and acrylamide	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/16 13:27
S33	2	(lubricate or lubricating or lubricant) and dithiocarbamate near5 (structure or formula or formulae) and dithiocarbamate near3 derivative	FPRS; EPO; JPO; DERWENT	ADJ	ON	2006/10/16 13:37

## EAST Search History

S34	23	(lubricate or lubricating or lubricant) and dithiocarbamate and (aldehyde or dialdehyde or glyoxal or glutaraldehyde) and acrylamide and dithiocarbamate near3 derivative	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 10:47
S35	422	508/232-239.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 10:47
S36	238	508/232-239.cor.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 10:47
S37	39	S36 and dithiocarbamate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 11:25
S38	29	S36 and thiocarbamate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 10:48
S39	6	S38 not S37	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 10:48
S40	16	dithiocarbamate.ti. and (lubricate or lubricant or lubricating) and alkylene near5 substituted	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 10:55
S41	3	thiocarbamate.ti. and (lubricate or lubricant or lubricating) and alkylene near5 substituted	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 10:56
S42	83	S35 and dithiocarbamate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 11:25
S43	83	S35 and dithiocarbamate and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/17 11:25